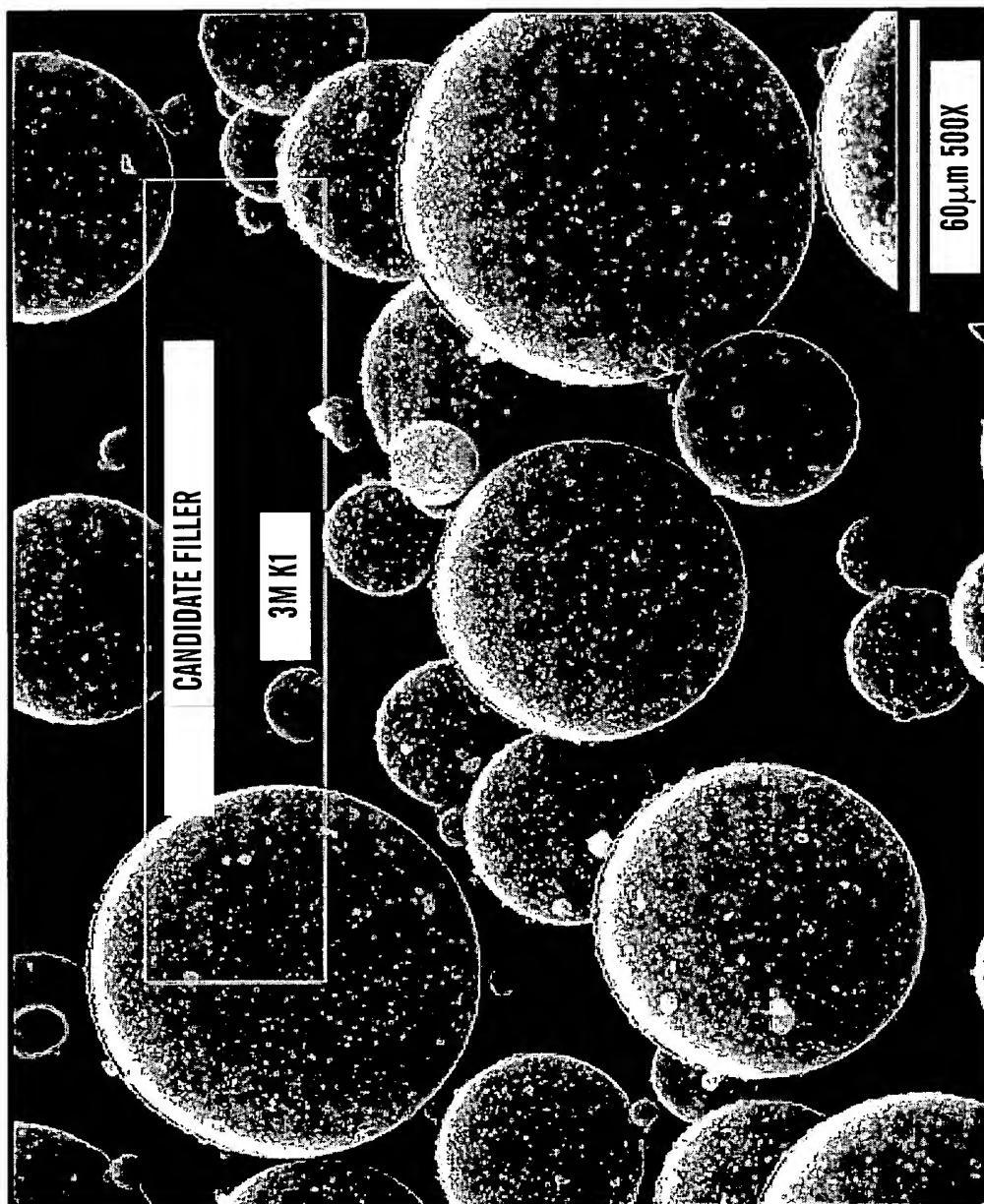




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**FIG. 1**

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**FIG. 2**

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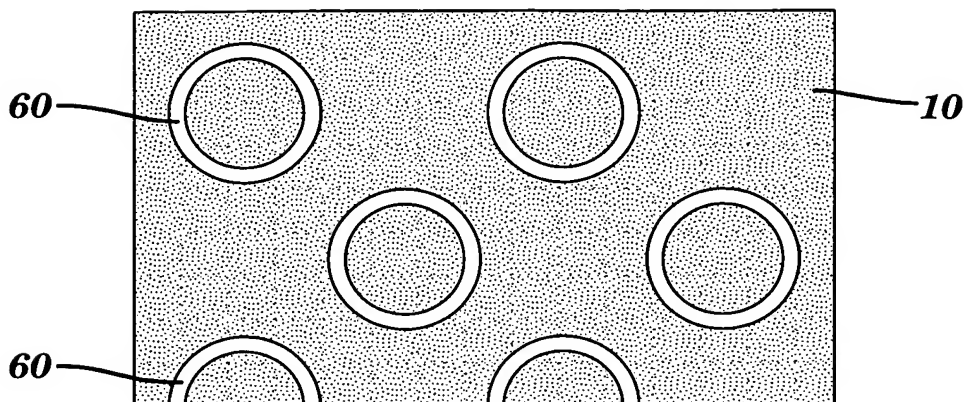
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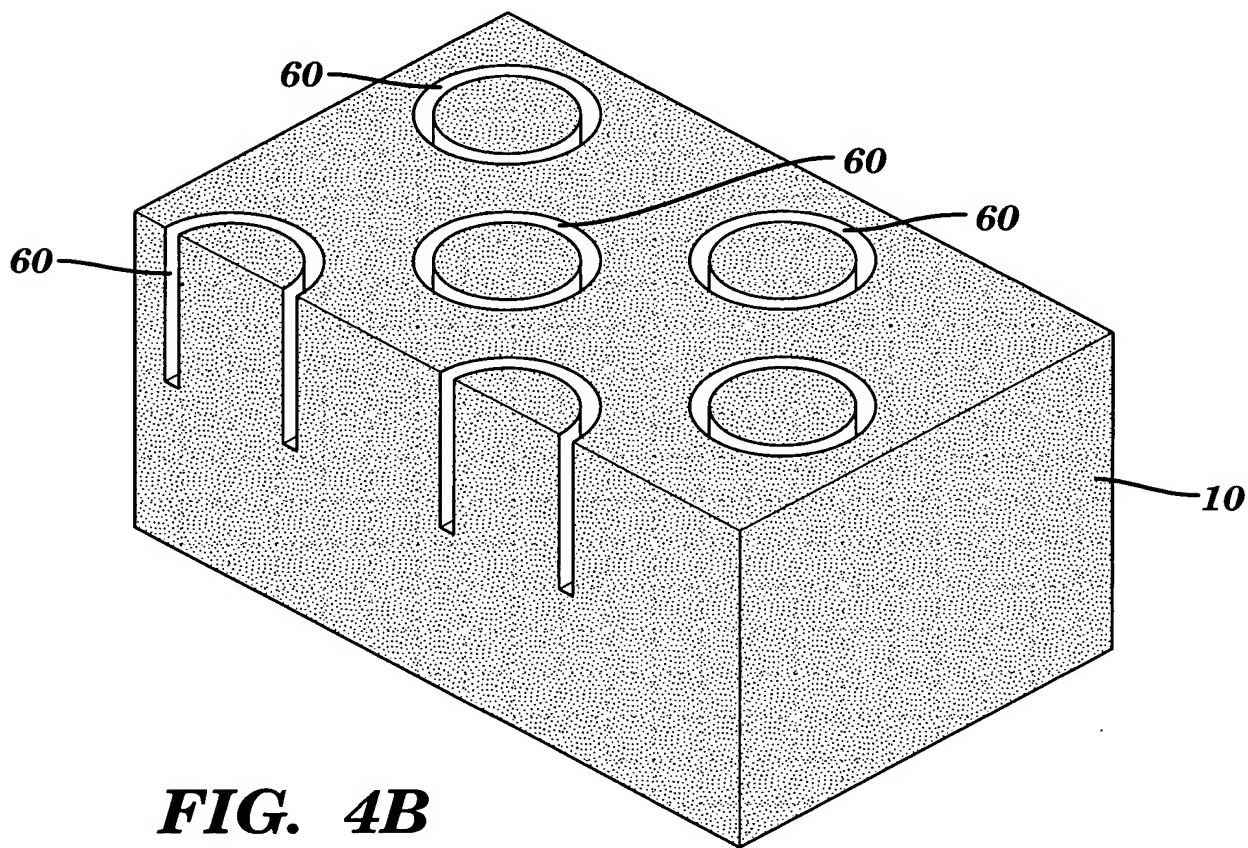
**FIG. 3**

BEST AVAILABLE COPY

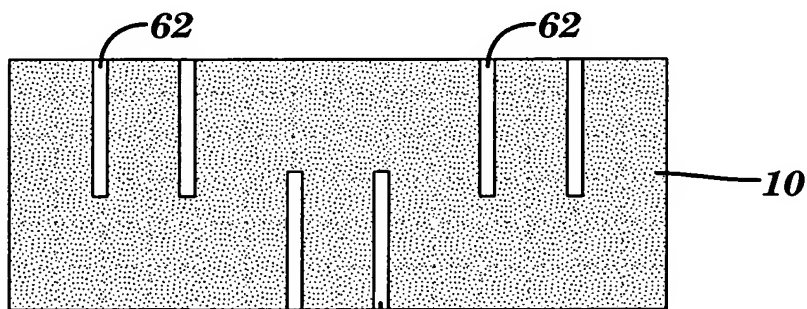
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**FIG. 4A**



**FIG. 4B**

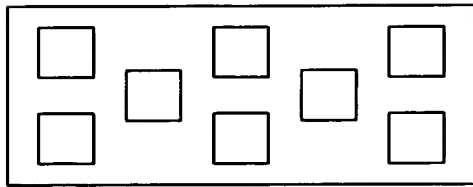


**FIG. 4C**

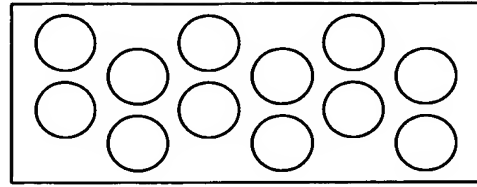
BEST Av. 64

BEST AVAILABLE COPY

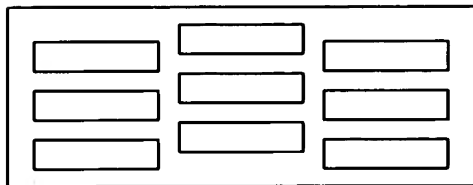
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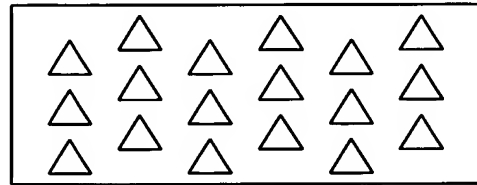
**FIG. 5A**



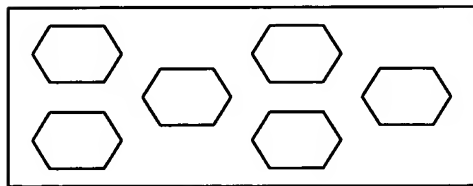
**FIG. 5B**



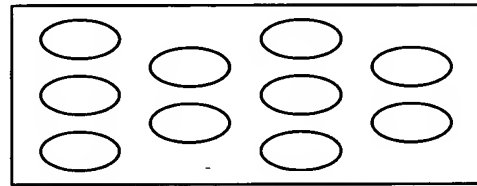
**FIG. 5C**



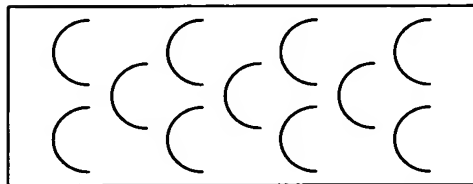
**FIG. 5D**



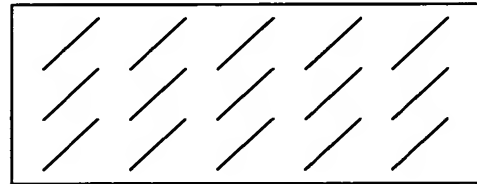
**FIG. 5E**



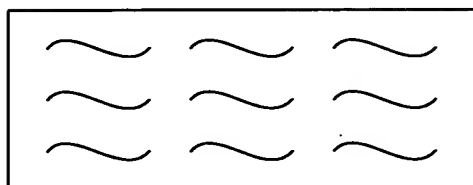
**FIG. 5F**



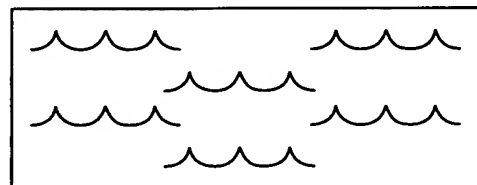
**FIG. 5G**



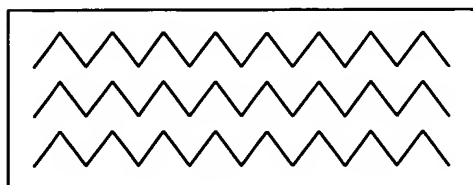
**FIG. 5H**



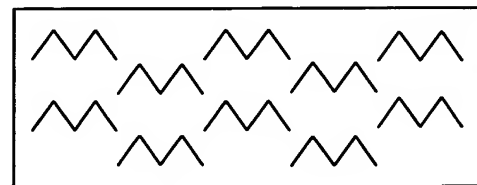
**FIG. 5I**



**FIG. 5J**

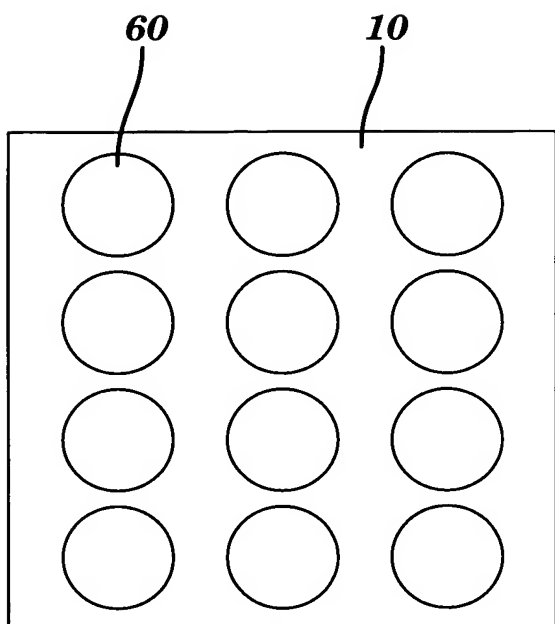


**FIG. 5K**

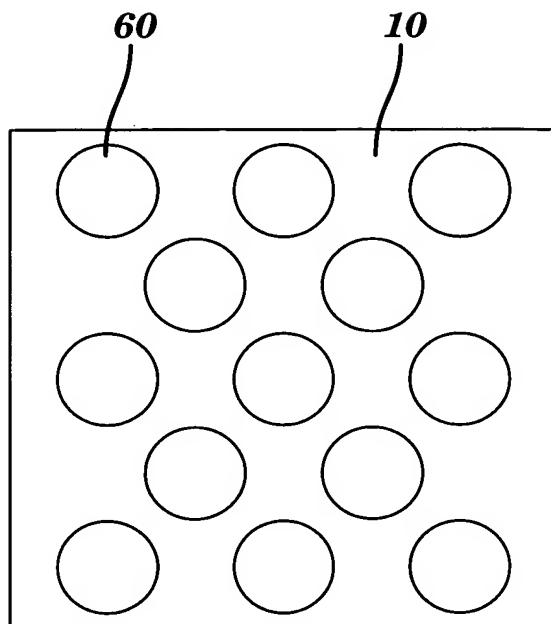


**FIG. 5L**

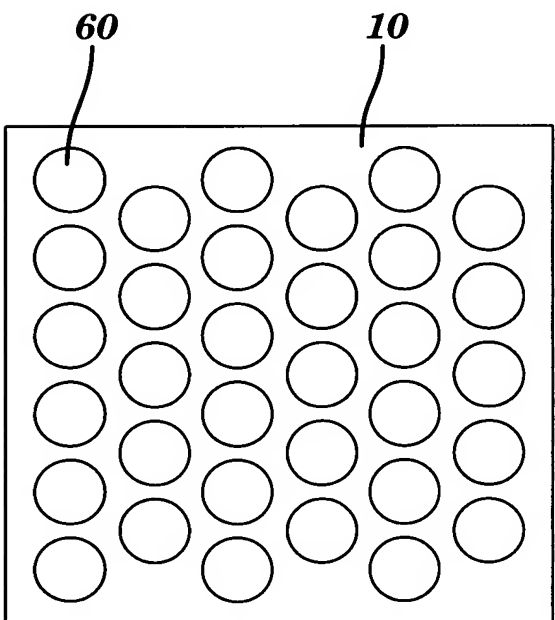
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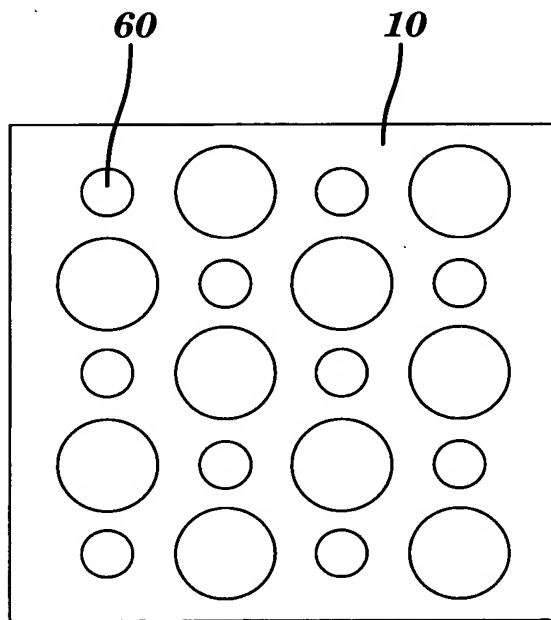
**FIG. 6A**



**FIG. 6B**

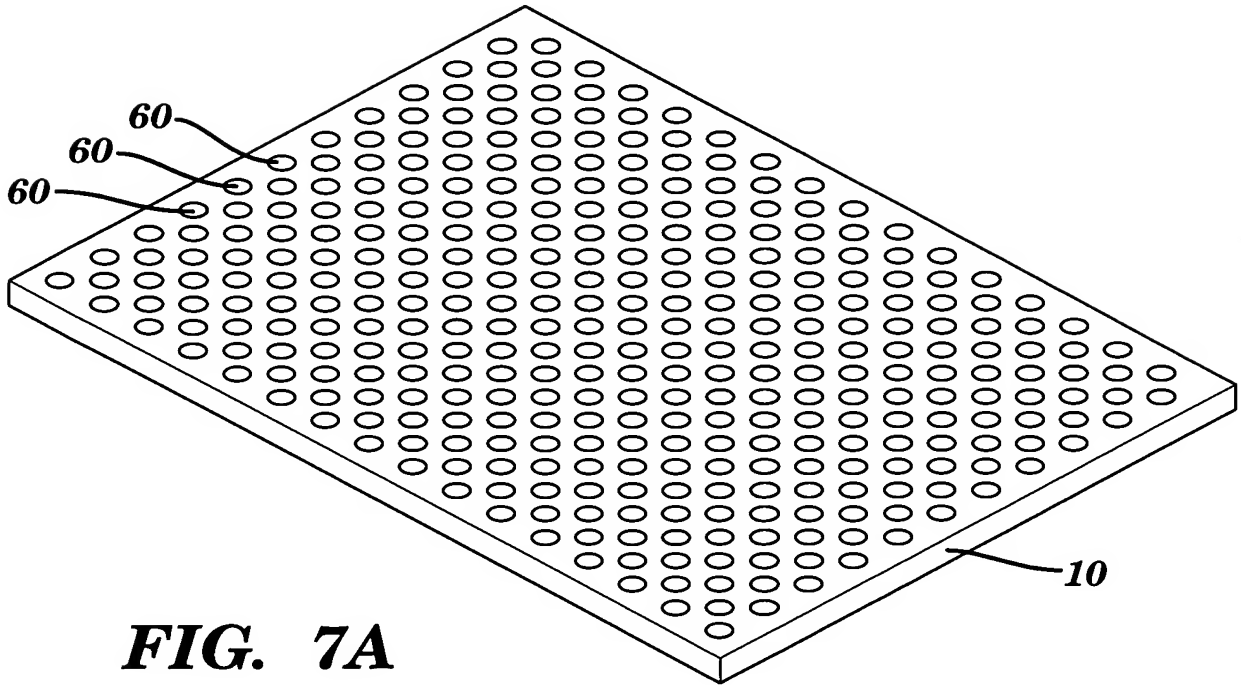


**FIG. 6C**

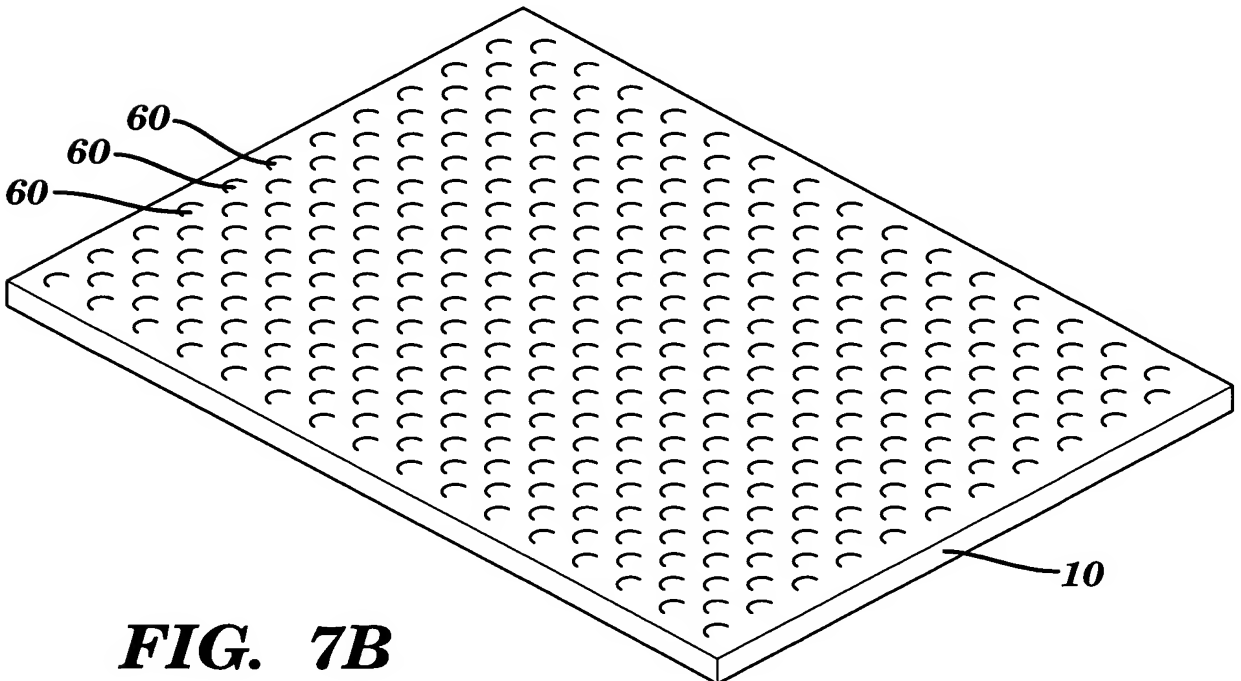


**FIG. 6D**

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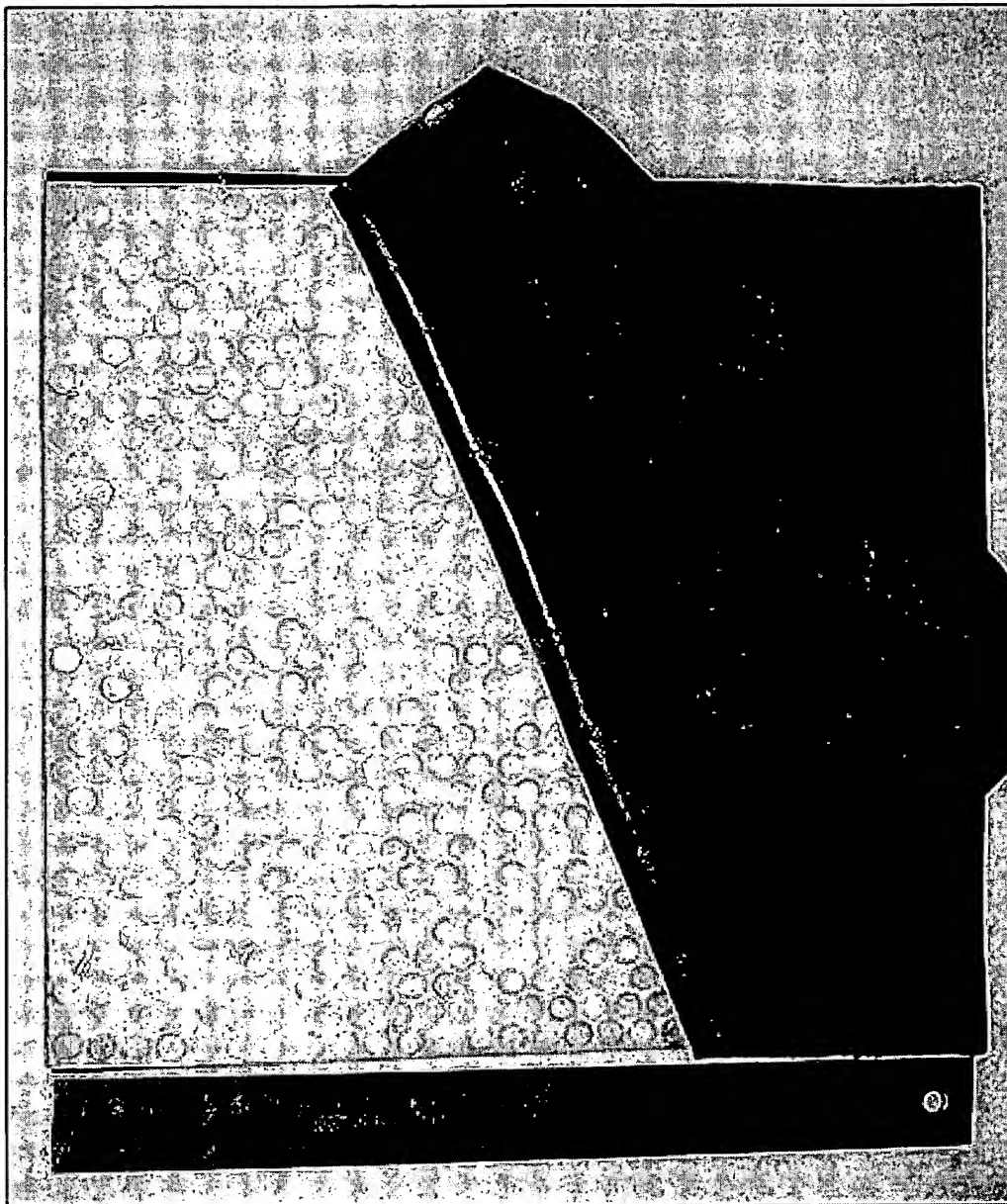


**FIG. 7A**



**FIG. 7B**

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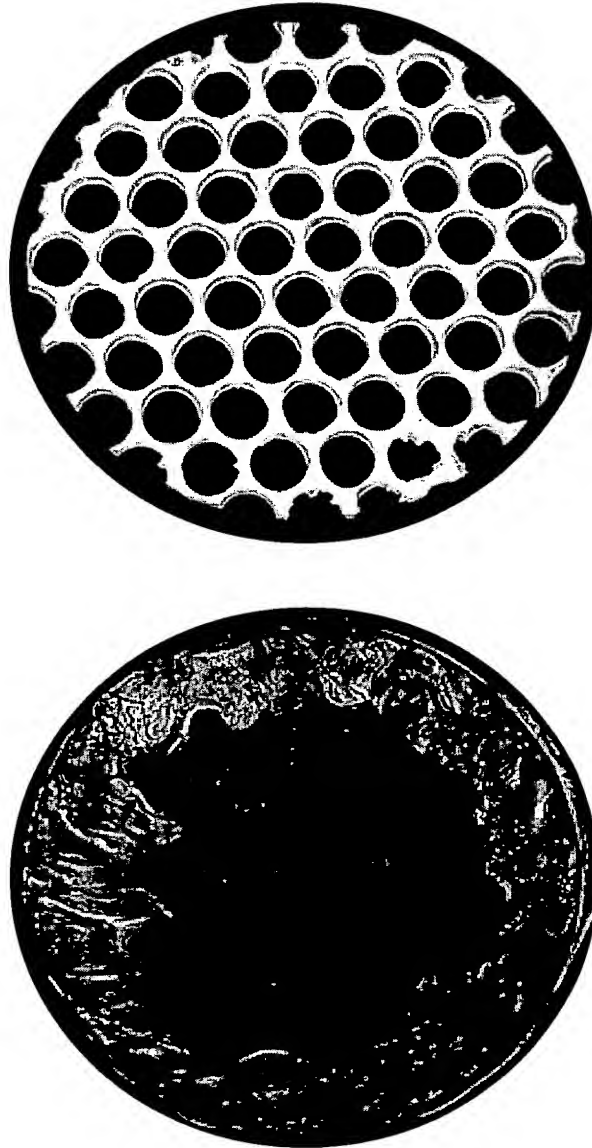


**FIG. 8**

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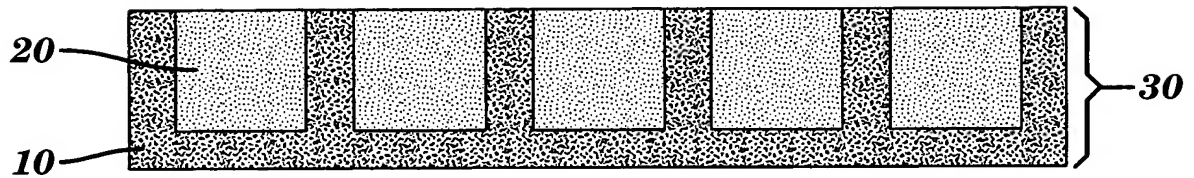
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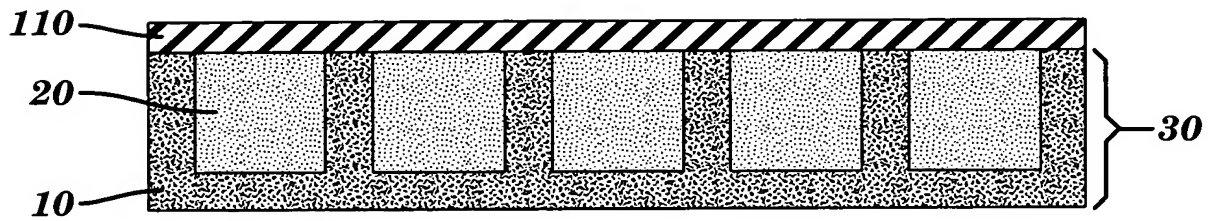
**FIG. 9**

**BEST AVAILABLE COPY**

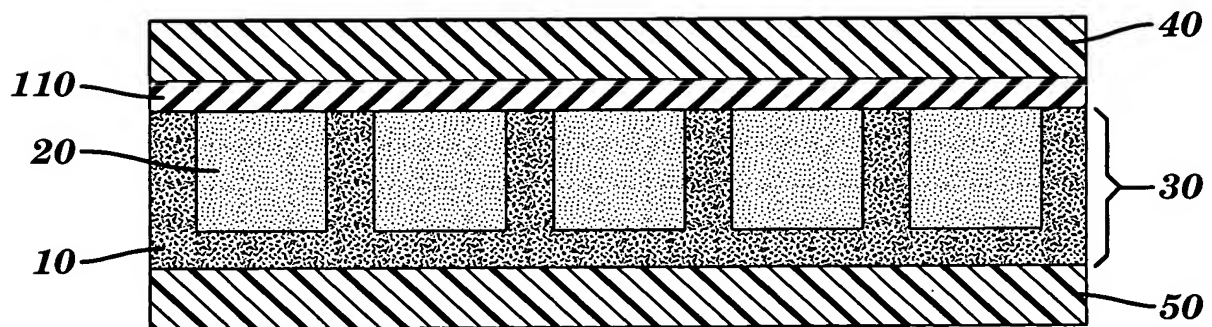
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**FIG. 10A**



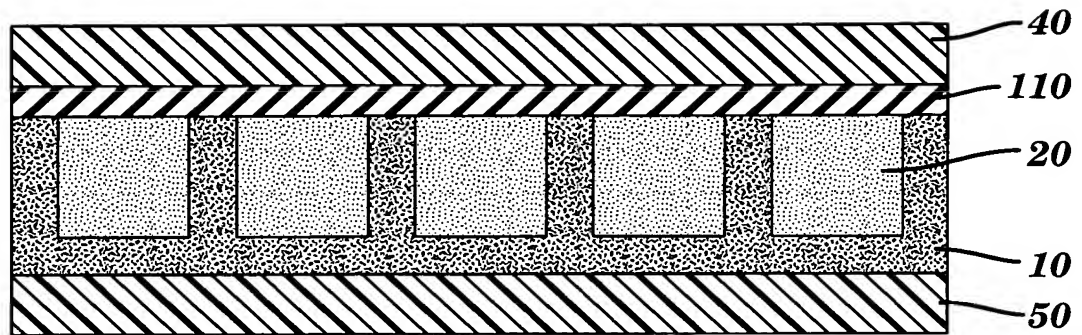
**FIG. 10B**



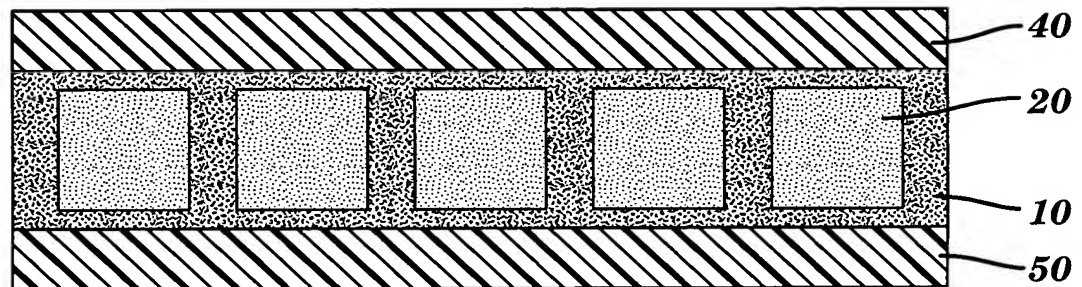
**FIG. 10C**

BEST AVAILABLE COPY

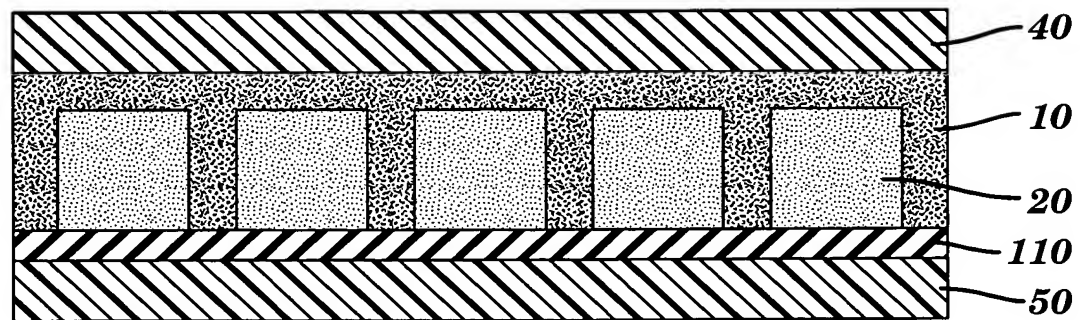
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**FIG. 11A**

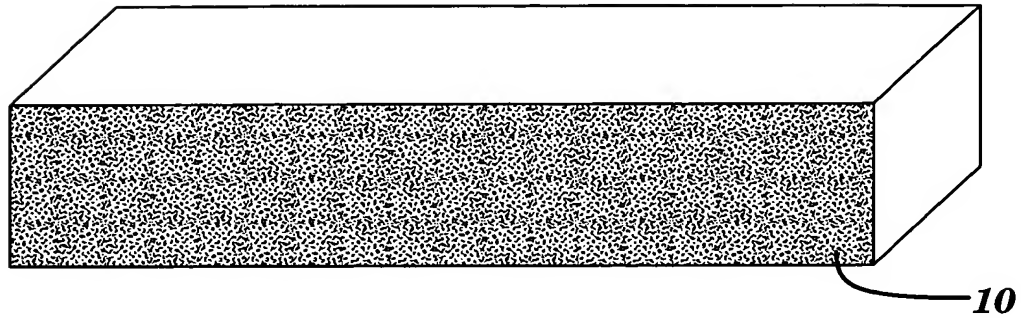


**FIG. 11B**

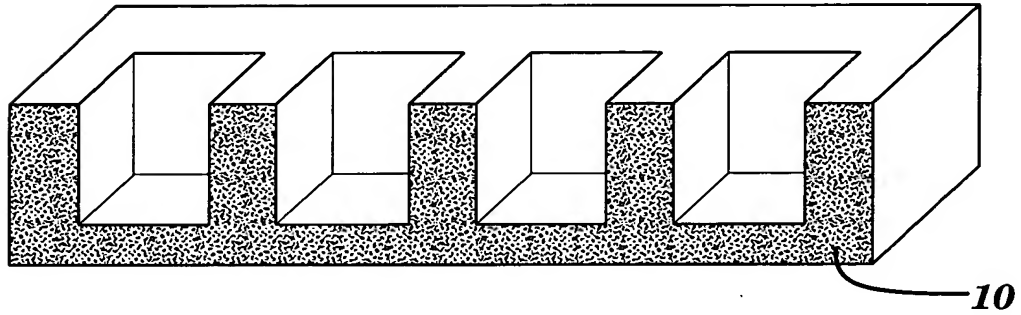


**FIG. 11C**

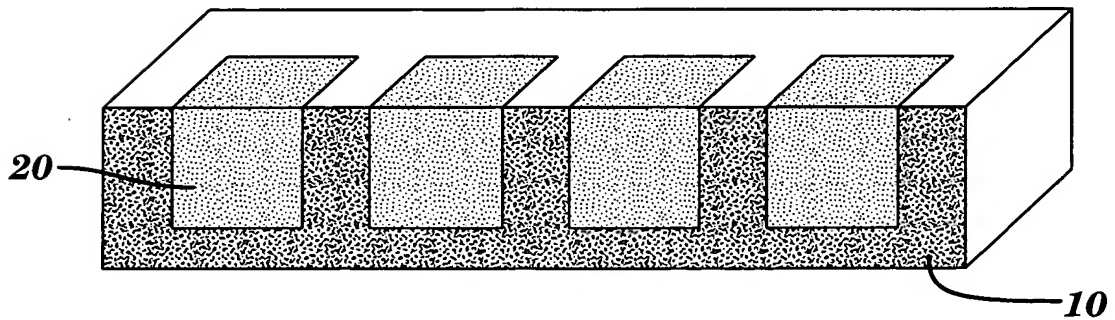
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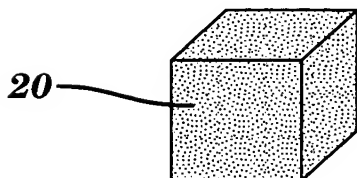
**FIG. 12A**



**FIG. 12B**



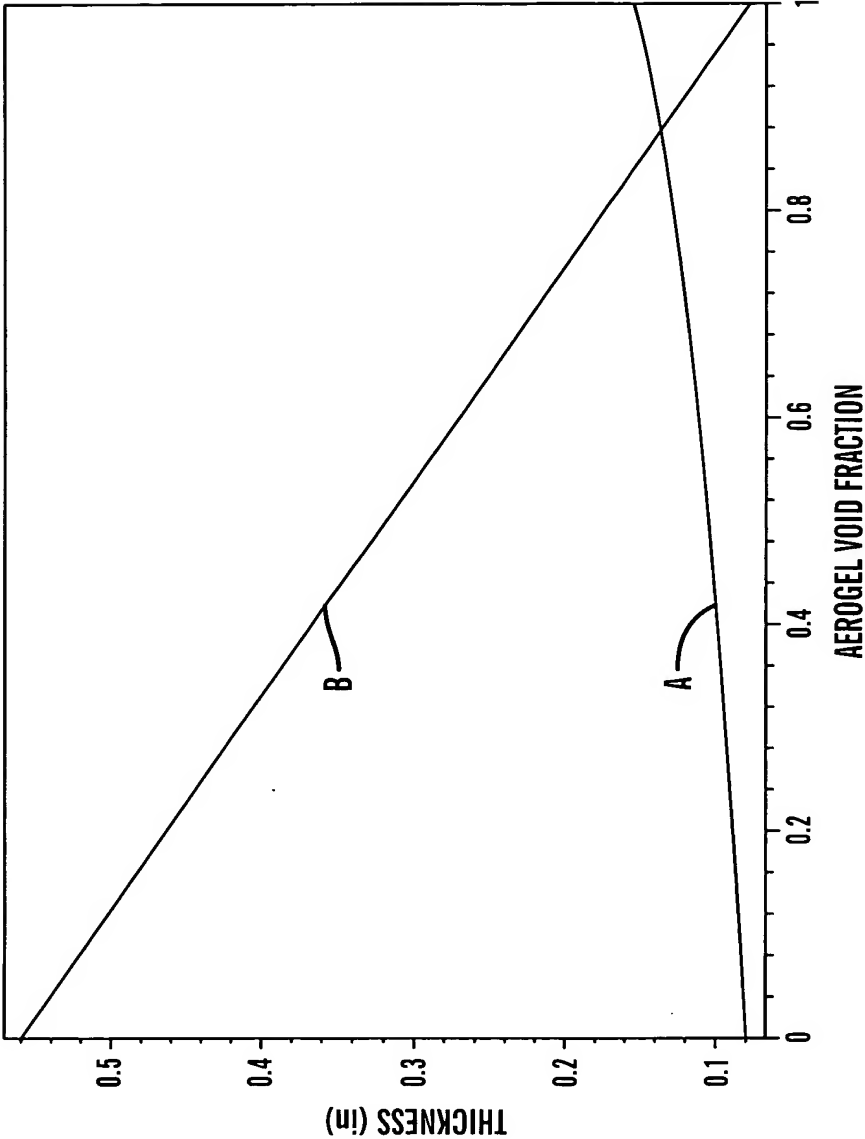
**FIG. 12C**



**FIG. 12D**

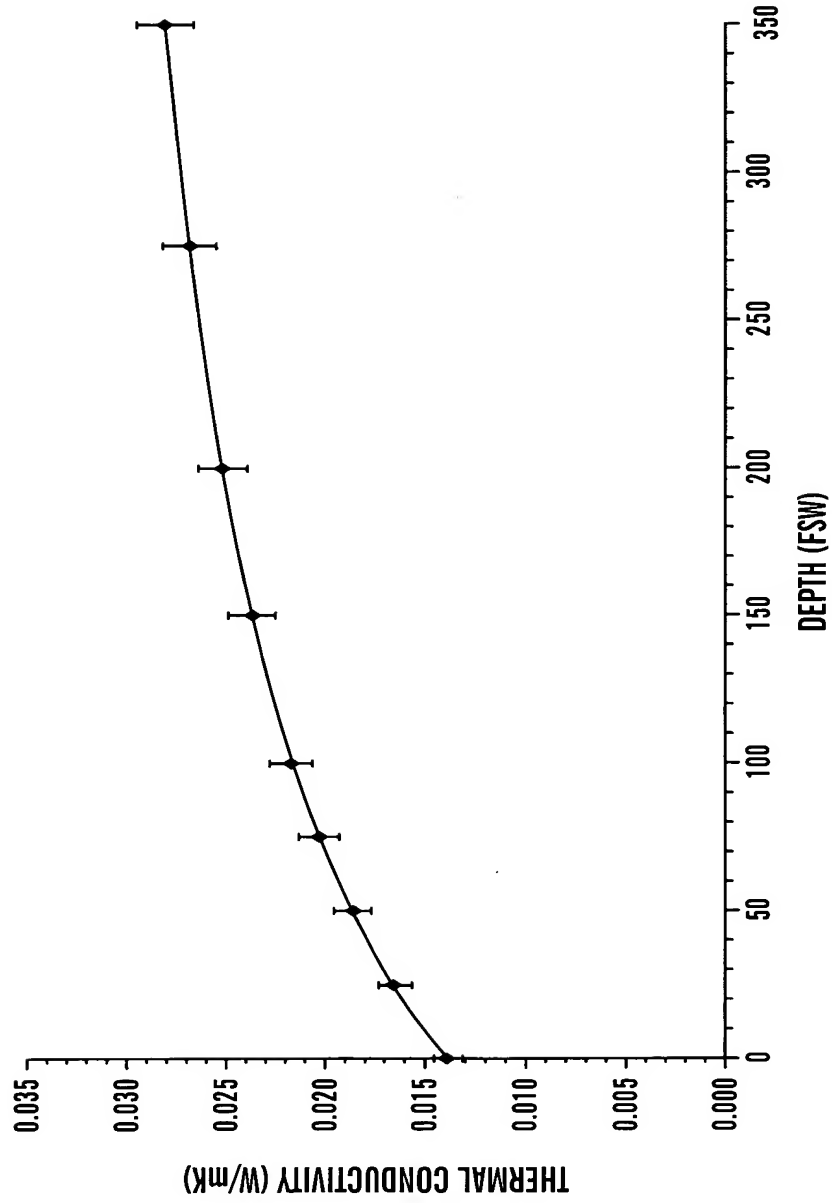
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LEGEND  
A — DENSITY  
B — THERMAL RESISTANCE



**FIG. 13**

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**FIG. 14**

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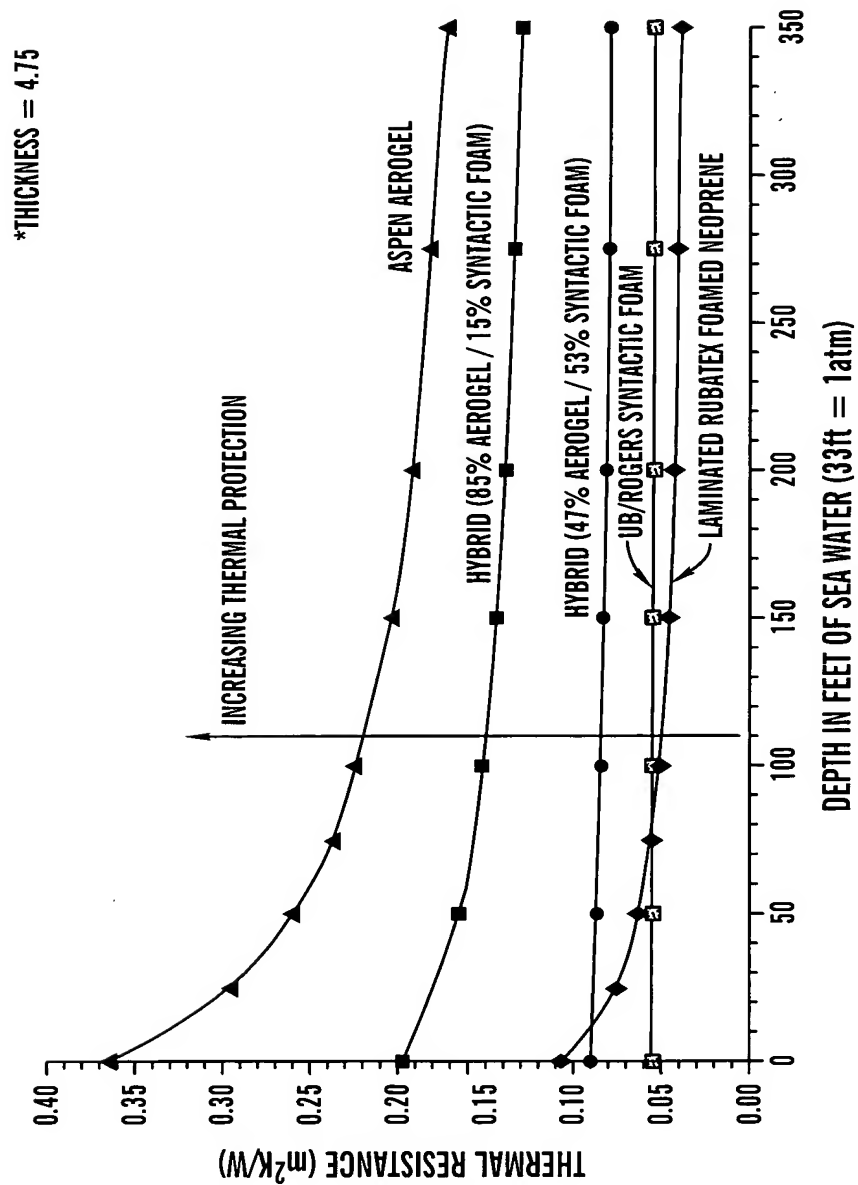
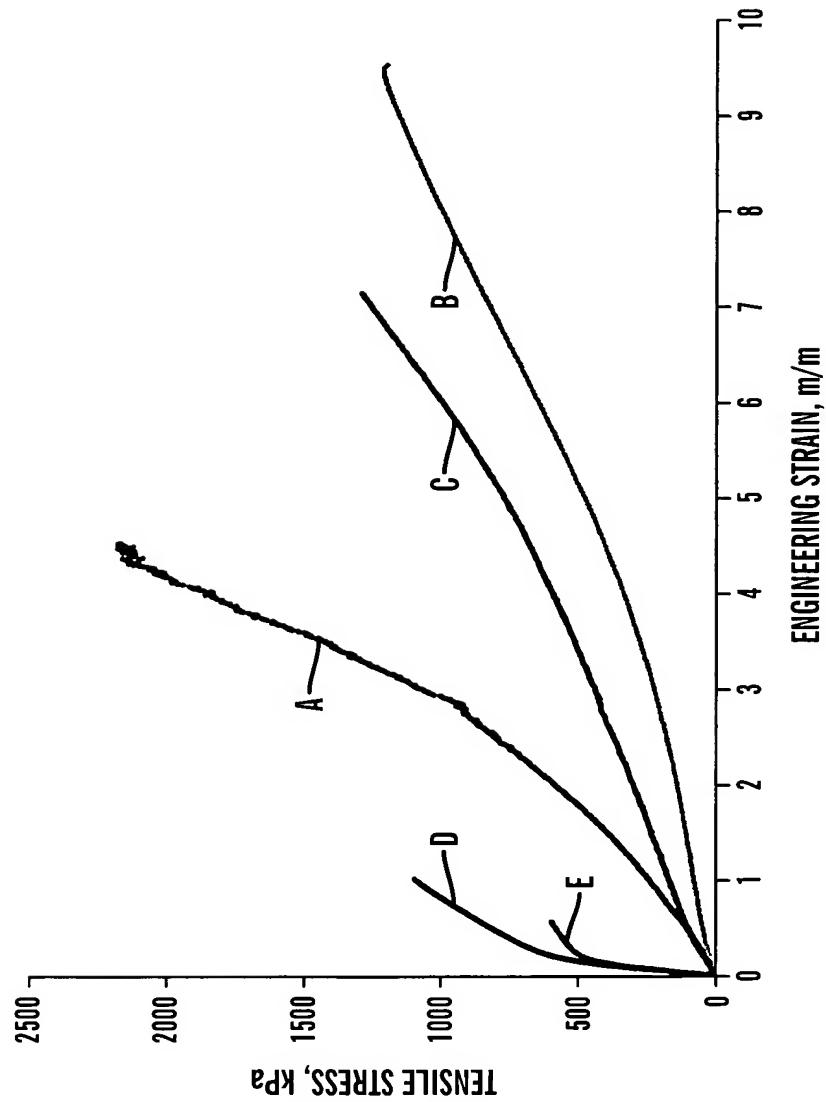


FIG. 15

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- A — 3/16" RUBATEX FOAMED NEOPRENE WITH NYLON LAMINATE
- B — 1/2" RUBATEX FOAMED NEOPRENE WITHOUT NYLON LAMINATE
- C — 100% GE-LIM6010 SILICONE
- D — 58% GE-RTV615 SILICONE / 42% K1 MICROSPHERES
- E — 38.5% GE-RTV615 SILICONE / 45% K1 MICROSPHERES /  
16.5% GE-SF96-50 PLASTICIZER

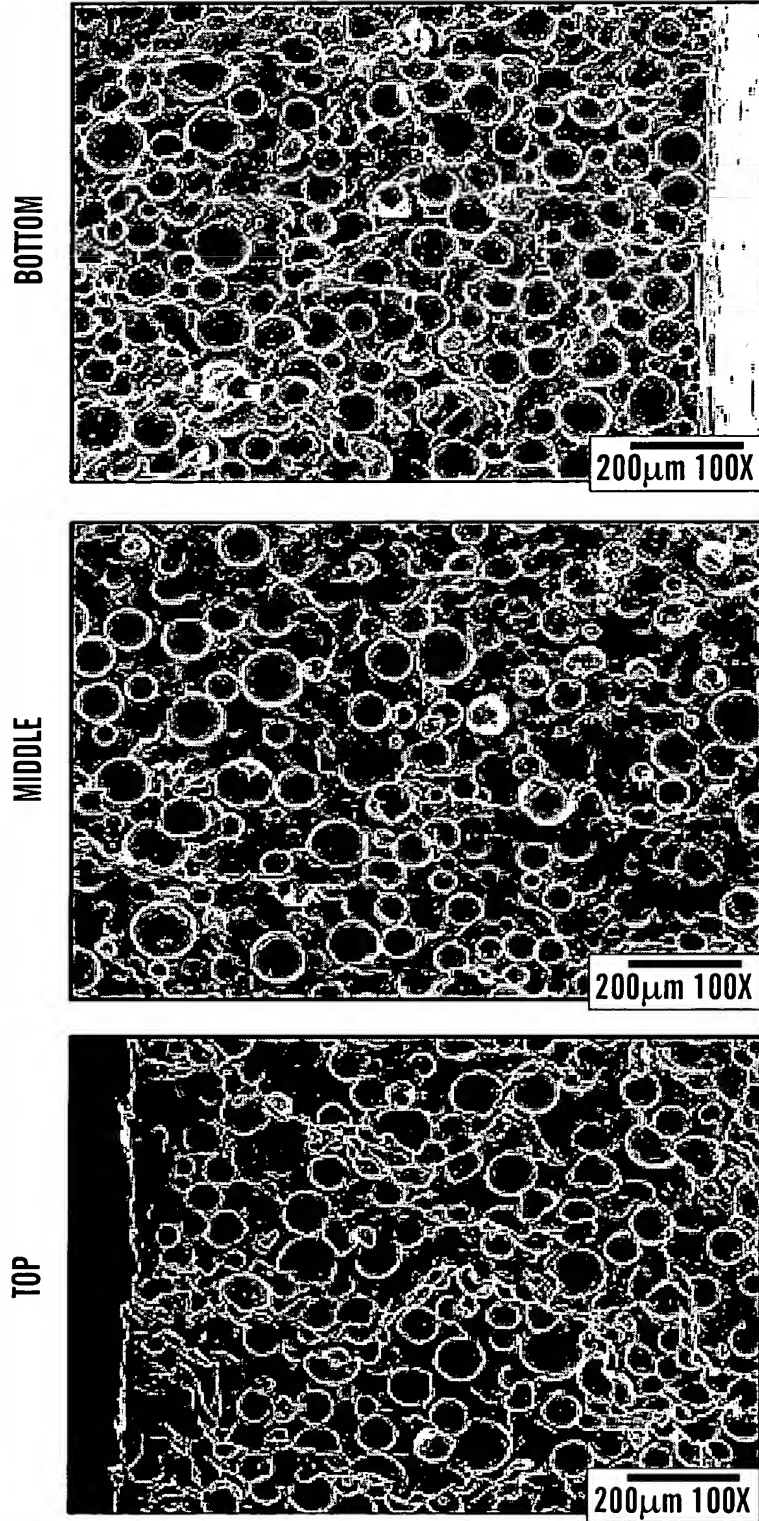


**FIG. 16**



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CANDIDATE INSULATION  
SYNTACTIC FOAM  
3M K1 SPHERES IN GE 615 RTV



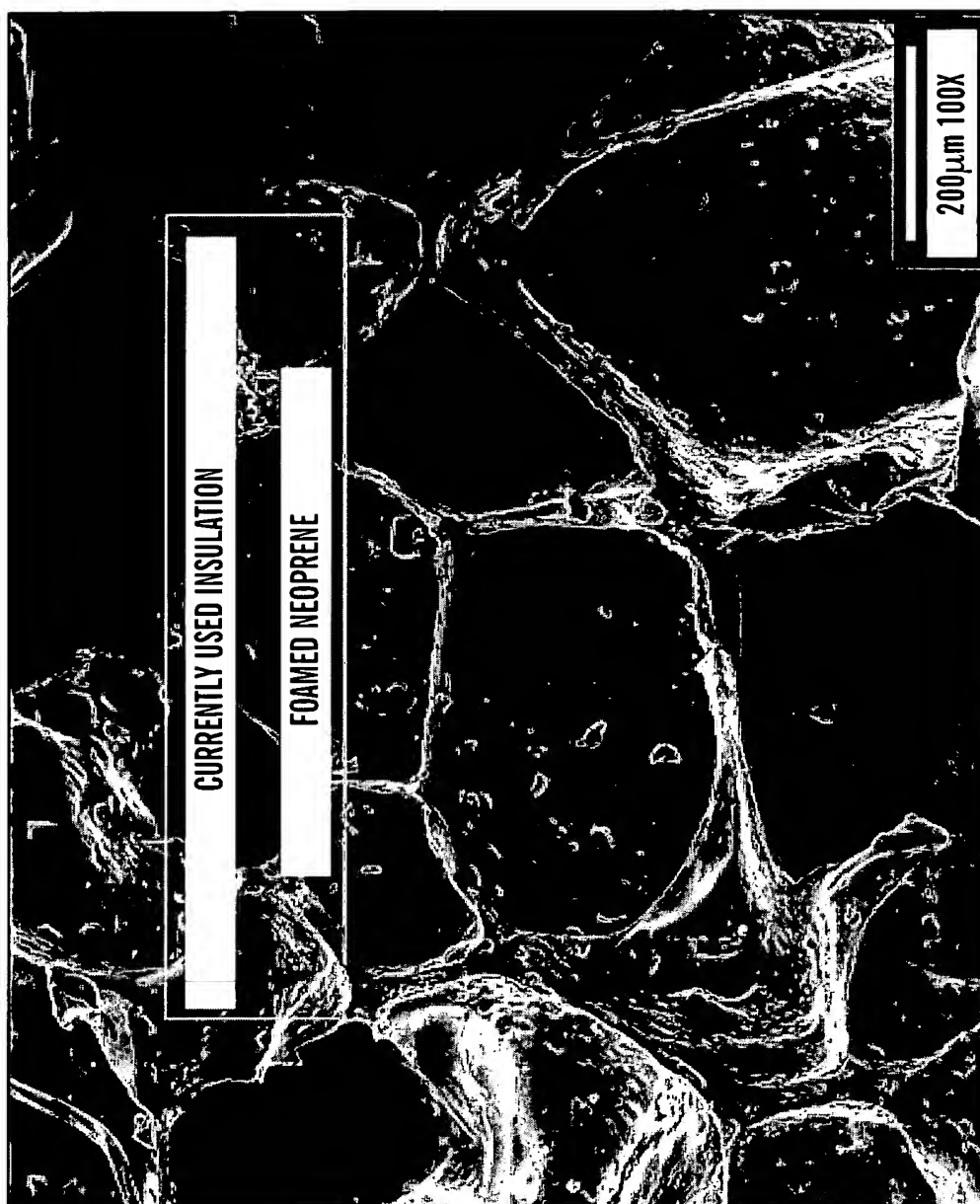
**FIG. 17**

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***FIG. 18***  
***PRIOR ART***

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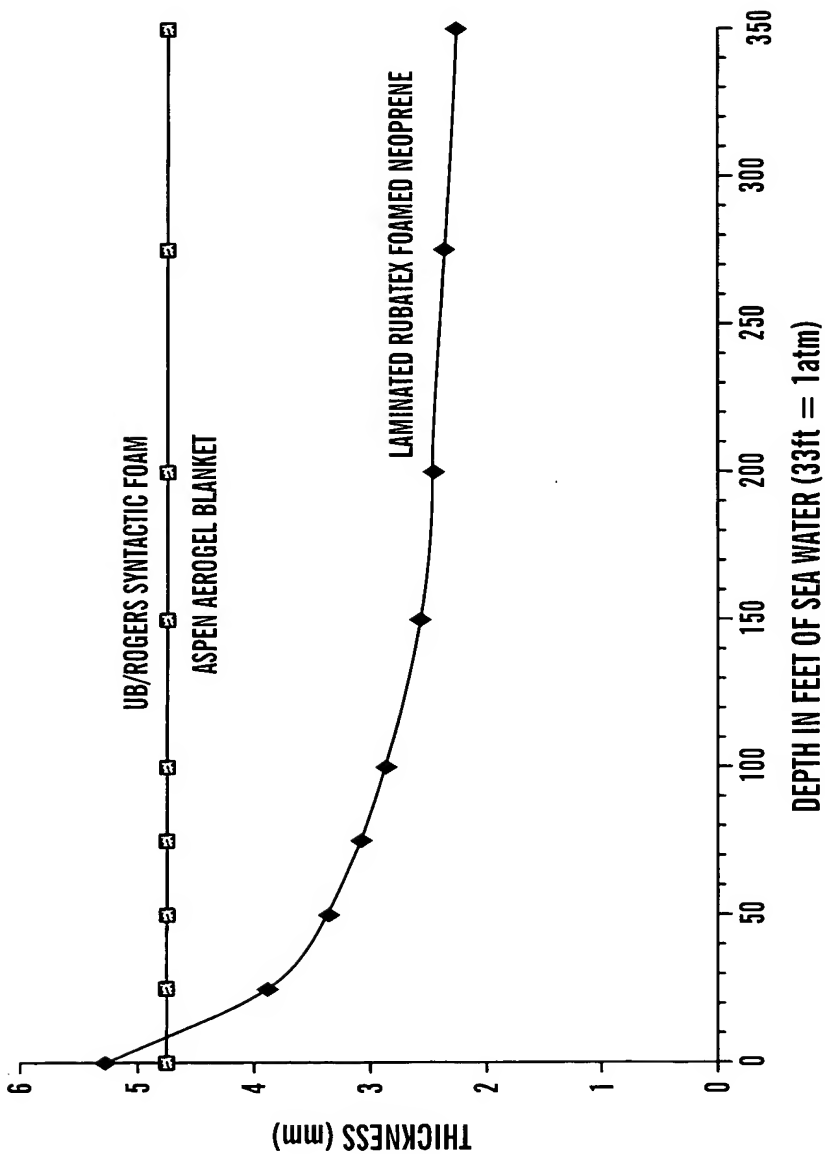
***FIG. 19***  
***PRIOR ART***

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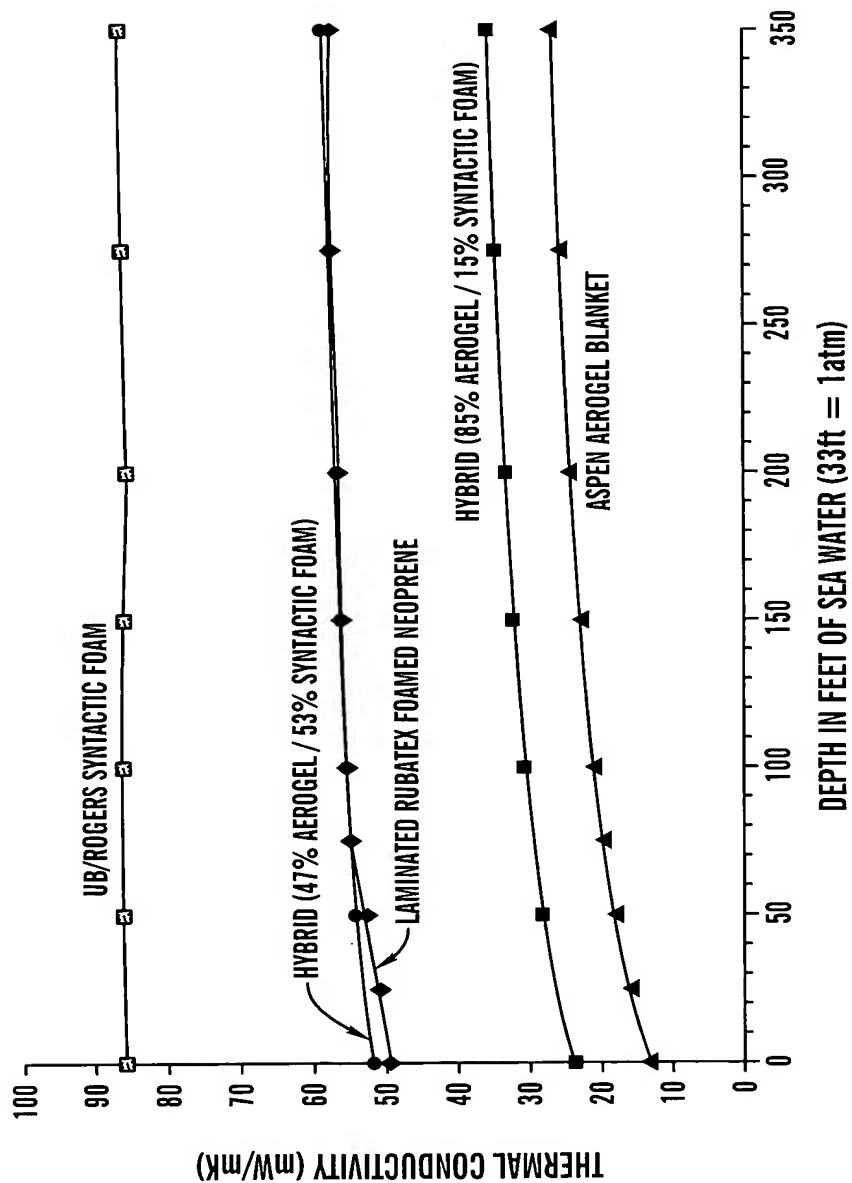
***FIG. 20***  
***PRIOR ART***

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**FIG. 21**

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**FIG. 22**